



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231 www.uspto.gov

| . PRY TO A TROOD NO | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
|------------------------|----------------|----------------------|-------------------------|-------------------------|--|
| APPLICATION NO. | | MICHIO KADOTA | 36856.64 | 8660 | |
| 09/038,717 | 01/28/1998 | MICHIO KADOTA | 30030.04 | | |
| 7: | 590 03/06/2003 | | | | |
| JOSEPH R KEATING,ESQ | | | EXAMINER | | |
| KEATING & BENNETT, LLP | | | BUDD, MARK OSBORNE | | |
| 10400 EATON | | | <u> </u> | | |
| SUITE 312 | | | ART UNIT | PAPER NUMBER | |
| FAIRFAX, VA | 22030 | | 2834 | | |
| | | | DATE MAILED: 03/06/2003 | DATE MAILED: 03/06/2003 | |

Please find below and/or attached an Office communication concerning this application or proceeding.

| F | Application No. | Applicant(s) Kadota | 1 | | | |
|--|---|--|-------------------------------------|--|--|--|
| Office Action Summary | Examiner M. Budd | Group Art Unit | | | | |
| -The MAILING DATE of this communication appears of | on the cover sheet be | neath the correspondence ac | ldress — | | | |
| Period for Reply | 3 | | | | | |
| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO OF THIS COMMUNICATION. | EXPIRE | MONTH(S) FROM THE MA | ILING DATE | | | |
| Extensions of time may be available under the provisions of 37 CFR 1. from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a report of the period for reply is specified above, such period shall, by default, Failure to reply within the set or extended period for reply will, by statution and provided by the Office later than three months after the mailing term adjustment. See 37 CFR 1.704(b). | ly within the statutory mini expire SIX (6) MONTHS fro te, cause the application to | mum of thirty (30) days will be consi m the mailing date of this communion become ABANDONED (35 U.S.C. § | dered timely. cation. § 133). | | | |
| Responsive to communication(s) filed on | 03 | | | | | |
| ☐ This action is FINAL. | au farmal matters, mass | accution on to the morte is a | Jeend in | | | |
| Since this application is in condition for allowance except f accordance with the practice under Ex parte Quayle, 1935 | C.D. 1 1; 453 O.G. 213. | secution as to the ments is t | nosea m | | | |
| Disposition of Claims $1-4$ | | | | | | |
| x Claim(s) 1-4 and 6-9 | | | | | | |
| | is/are withdrawn from co | nsideration. | | | | |
| X Claim(s) 1, 2 and 6-9 | | | | | | |
| | is/are rejected. | | | | | |
| ☐ Claim(s) | is/are objected to. | | | | | |
| ☐ Claim(s) | are subject to restriction requirement | or election | | | | |
| Application Papers ☐ The proposed drawing correction, filed on | is □ approved | • | | | | |
| ☐ The drawing(s) filed on is/are object | | _ | | | | |
| ☐ The specification is objected to by the Examiner. | | | | | | |
| ☐ The oath or declaration is objected to by the Examiner. | | | | | | |
| Priority under 35 U.S.C. § 119 (a)-(d) | | | | | | |
| ☐ Acknowledgement is made of a claim for foreign priority un | nder 35 U.S.C. § 119 (a) |)–(d). | | | | |
| □ All □ Some* □ None of the: | | | | | | |
| ☐ Certified copies of the priority documents have been received. | | | | | | |
| ☐ Certified copies of the priority documents have been received in Application No | | | | | | |
| ☐ Copies of the certified copies of the priority documents have been received | | | | | | |
| in this national stage application from the International | Bureau (PCT Rule 17.2 | (a)) | | | | |
| *Certified copies not received: | | | · | | | |
| Attachment(s) | | | | | | |
| ☐ Information Disclosure Statement(s), PTO-1449, Paper No | s) | nterview Summary, PTO-413 | | | | |
| ☐ Notice of Reference(s) Cited, PTO-892 | . D | ☐ Notice of Informal Patent Application, PTO-152 | | | | |
| ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948 | | Other | | | | |
| Office Action Summary | | | | | | |

U.S. Patent and Trademark Office PTO-326 (Rev. 11/00) Art Unit: 2834

Claims 3 and 4 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

These claims are in conflict with claim 1 wherein 0 is in the range of 85-95. Since they call for 0 to be in the range of 119-167 or 119-138.

Claims 1, 2 and 6-9 are allowed.

Budd/ek

03/05/03

PRIMARY EXAMINER
ART UNIT 212